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**Evaluating Social Media Networks in Medicines Safety Surveillance: Two Case Studies.** 

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#### SUPPLEMENTARY APPENDIX

Description and list of terms used in the search queries.

To retrieve messages that linked adverse events to the drug or vaccine of interest, we created search queries by combining each drug with each AE term. This resulted in 50 queries for rosiglitazone+cardiovascular event (5 terms Rosiglitazone × 10 terms cardiovascular event) and 66 queries for HPV vaccine+infertility (6 terms HPV vaccine × 11 terms infertility).

### Rosiglitazone:

Rosiglitazone Avandia Avandamet Avandaryl Avaglim

### Rosiglitazone AE:

stroke attack infarct infarction ischemia CVA apoplexy accident pain MI

## HPV vaccine:

HPV vaccine

Human papilloma vaccine

Gardasil

Cervarix

Gardisil

Silgard

# HPV vaccine AE:

Ovarian

Ovary

Menopause

Infertility

Infertile

Amenorrhea

Menstruation

Menses

Period

Pregnancy

Pregnant